

THANK YOU FOR SELECTING THE FINEST LIGHT
AND LASER SIGHTING SYSTEM: CRIMSON TRACE
RAIL MASTER® PRO™. WHEN IT COMES TO SPEED,
ACCURACY AND SECURITY, CRIMSON TRACE IS THE
TOP CHOICE OF LAW ENFORCEMENT, MILITARIES AND
LEGALLY ARMED CITIZENS AROUND THE WORLD.

RAIL MASTER® PRO

CMR-204 & CMR-205 for MOST M1913/PICATINNY AND WEAVER STYLE ACCESSORY RAILS ON PISTOLS, RIFLES AND SHOTGUNS INSTALLATION HANDBOOK



WARRANTY

CRIMSON TRACE® (CT) warrants that this product will be free from defects in materials and workmanship for a period of three years from the original retail purchase. CT will repair or replace with an item of equivalent value, at its option, any product or part which is found to be defective under normal use and service, without charge during the warranty period. CT's obligation to repair or replace shall be the purchaser's sole and exclusive remedy under this warranty. This warranty does not cover normal maintenance and service and does not apply to any products or parts which have been subject to modification, misuse, carelessness, accident, improper maintenance or repair other than CT.

This limited warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to, merchantability and fit for particular purpose. CT shall not be reliable for indirect, incidental, consequential or special damages arising out of, or in connection with, product use and performance, even if it has been informed of the possibility of such damages. This warranty does not cover the finish of any Pro Custom products cosmetics, batteries or problems arising from faulty batteries.

For warranty service call Customer Service at 800-442-2406 or email customer@crimsontrace.com for a Return Authorization Number (RMA). Fill in RMA number on the form below and attach to outside of package. Carefully package unit and affix mailing label (as shown below).

CRIMSON TRACE CORPORATION
RMA# _____
9780 SW Freeman Drive
Wilsonville, OR 97070
Phone: 800-442-2406

VISIT US ONLINE AT CRIMSONTRACE.COM OR CONTACT
US AT 1-800-442-2406 TO REGISTER YOUR PRODUCT.

27-1616 REV 001 05/14

FEEL FREE TO CONTACT US AT 1.800.442.2406
WITH ANY QUESTIONS YOU MAY HAVE REGARDING
YOUR LASER SIGHT. WE ALSO ENCOURAGE YOU TO
VISIT US ONLINE AT WWW.CRIMSONTRACE.COM.
HERE YOU CAN REGISTER YOUR PRODUCT, FIND
VALUABLE INFORMATION ON TRAINING, TACTICS
AND WARRANTY OR JOIN FELLOW USERS AS A
CRIMSON CLUB MEMBER.

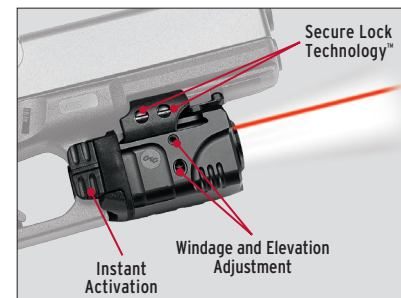
RAIL MASTER® PRO™

CMR-204 & CMR 205



PRODUCT SPECIFICATIONS

RED BEAM INTENSITY: 5mW peak, Class 3R laser
GREEN BEAM INTENSITY: 5mW peak, Class 3R laser
BEAM DOT SIZE: Approximately 0.5 inches diameter at 50 feet
BATTERIES: One (1) CR2 lithium battery; two hours of illumination
LIGHT INTENSITY: 100 lumen LED
ACTIVATION: Instant Activation™ - Tap on, tap off with auto shut off at five minutes
WARRANTY: Three-year full warranty
This product complies with 21 CFR 1040.10



FAILURE TO FOLLOW ANY OF THE FOLLOWING WARNINGS MAY RESULT IN SEVERE INJURY OR DEATH TO YOU OR OTHERS.

Prior to installing Crimson Trace products, ensure that the firearm is unloaded, the magazine is removed, safety on and finger(s) off the trigger.

DO NOT install or use Crimson Trace product if the installation of the product in any way affects the safe function of the firearm. If, while installing Crimson Trace products, you have any trouble with the fit or functionality of the firearm, **STOP IMMEDIATELY** and call Crimson Trace Customer Service for assistance at 1-800-442-2406.

ALWAYS FOLLOW THE 4 RULES OF FIREARM SAFETY:

1. Handle all firearms as if they are loaded.
2. Never let the muzzle cover anything that you are not willing to destroy.
3. Keep your finger off the trigger until your sights are on the target and you are ready to fire.
4. Be sure of your target and what is beyond.

Remember, the user is **ALWAYS** responsible for the safe use of a firearm.

Crimson Trace recommends that every gun owner take a gun safety course from a certified NRA Instructor before handling or firing your firearm.

LASER SAFETY LABELING

IMPORTANT: LASER PRODUCTS MUST ONLY BE OPERATED WITH THE SAFETY LABEL APPLIED TO THE FIREARM.

A. Attach the "Danger" warning label to the outside of the firearm.

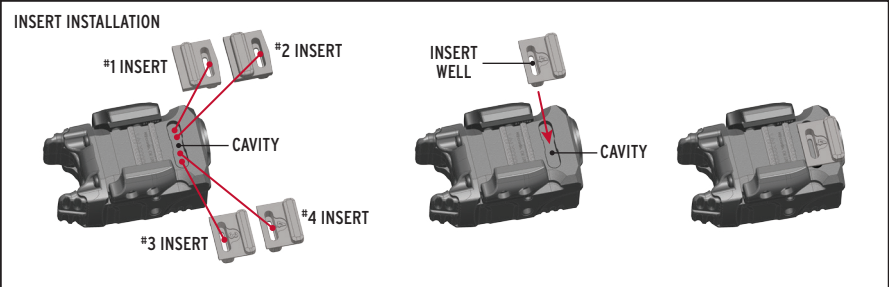
B. Attach the "Aperture" warning label with the arrow pointing to the laser aperture.

Use caution when activating the laser to avoid direct eye exposure, which can result in permanent eye damage. Follow all precautions as outlined by the firearms manufacturer.

Crimson Trace holds several patents and may have other patents pending that cover its innovations. Please review individual products for patent numbers to determine the specific patent coverage.



DETERMINING FIT



1. Multiple inserts may accommodate your gun frame. Select the insert that works best ergonomically as each insert will change the position of the instant activation buttons. Refer to chart below for popular models. Press the selected insert with Insert Well down firmly into the Cavity as indicated above. Inserts #1 and #2 are installed with the Insert Well positioned forward. Inserts #3 and #4 are installed with the Insert Well positioned backward.

FIT & INSERT NUMBER CHART (FOR POPULAR MAKES/MODELS)

GUN MANUFACTURER	INSERT #	GUN MANUFACTURER	INSERT #	GUN MANUFACTURER	INSERT #
BERSA BP CC 2 Thunder Pro 2		HECKLER & KOCH P30 1*, 3*, 4* 45C 1 P2000 2 *Multiple inserts will accommodate gun.		SPRINGFIELD XD9, XD40 Sub-Compact 2 XD40 4 XD9, XD9 Tactical 2 XDM - 5.25, 4.5, 3.8 2 XD-S 2	
BERETTA PX4 Compact 2 PX4, 92, 96 4		RUGER SR9c, SR40c 2 SR9, SR40 3 SR22 2		TAURUS Millennium Pro 2 24/7 4	
BROWNING BUCK MARK BLACK LABEL TACTICAL 4					
FN 5.7 4 P9 3 P45 3 FNX-40 3		SIG SAUER P220, P226, P229, P250, P2022 ... 1, 4		WALTHER P22-Q 4" 2 PK380 2 P99 2, 4 PPQ 4 PPS 2	
GLOCK Full and Compact Models with Rails 3		SMITH & WESSON MP9C, MP40C 2 MP9, MP40 1 SD9, SD40 4		ACCESSORY RAILS AR/M16/Rifles/Shotguns with M1913 Picatinny Accessory Rail, Weaver Accessory Rail 1	

YOUR RAIL MASTER PRO COMES WITH 4 INSERTS TO ACCOMMODATE MULTIPLE FIREARM PLATFORMS. FOR INFORMATION ON THIS FIT CHART, PLEASE CONTACT OUR CUSTOMER SERVICE DEPARTMENT AT 1-800-442-2406.

WINDAGE & ELEVATION ADJUSTMENTS

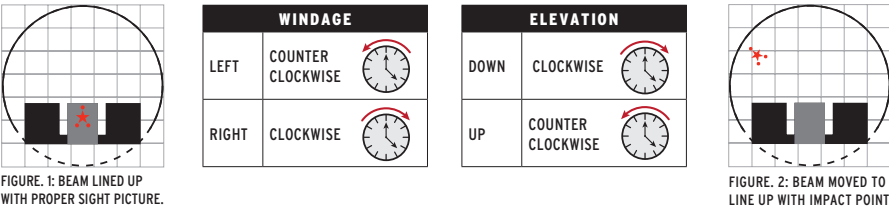
Crimson Trace laser sights are pre-sighted at the factory to 50 feet. Many times no further adjustments are required. All products are fully adjustable for windage and elevation if further adjustments are desired. A good starting point is to align the laser with the fixed sights on the firearm. (Figure 1).

A two-screw alignment system is used to adjust for windage and elevation. The adjustment screws are located just behind the laser source, use the supplied allen wrenches to make any adjustments.

Start by lining your laser sight up with your fixed sights at a desired distance. Most people sight in their laser at between 20 and 50 ft. However because of the offset between the laser sight and the bore, the actual change in point-of-impact at these distances is very small.

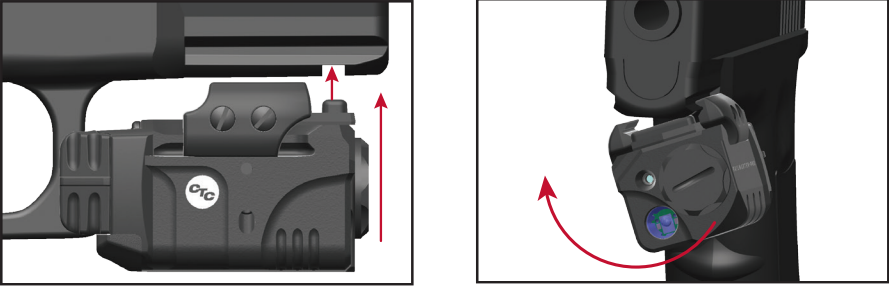
Further adjustments can be made at the range to determine where your bullet impacts in relation to your firearms fixed sights. The laser should be moved to the actual impact point of the bullet (Figure 2).

DO NOT OVERTURN THE ADJUSTMENT SCREWS. A little adjustment goes a long way. Rarely is more than a half a turn is required to make your needed adjustments.



WARNING: This product contains chemicals known to the state of California to cause cancer, or birth defects or other reproductive harm.

INSTALLATION INSTRUCTIONS



- Align Rail Master® Pro™ at desired rail lug for easy tap on/tap off activation.
- Attach Rail Master Pro at desired location on firearm rail and rotate into place, aligning insert with rail lug. Turn screws clockwise to secure clamps to rail.

BATTERY INSTALLATION



- Remove Battery Lid using coin. Place provided battery positive (+) side toward trigger guard. Screw battery lid back into place. When changing the batteries, swab the threads of battery cap and the body with isopropyl alcohol or dry cotton swab.

- Confirm that laser and iron sights are in alignment. The laser dot should rest on top of front site post with correct iron sight picture. See windage and elevation adjustments to fine tune or adjust for any point of impact. See Sighting figure below left.

- Attach laser “Danger” and “Aperture” stickers onto pistol. (See Laser Safety Labeling section in these instructions for details.)

VISIT CRIMSONTRACE.COM FOR STEP-BY-STEP INSTALLATION VIDEOS.

ACTIVATION & MODES

The Rail Master Pro has been programmed with 4 Activation Modes for full user adaptability. It has been factory set to the Light/Laser Constant On Mode.

- > Light/Laser Constant On
- > Laser Constant On
- > Light Constant On
- > Laser with Light Strobe

To select desired mode start with the laser and light being off. Hold both activation paddles down for 3 seconds to cycle through the modes; release buttons at desired mode. When left on, the Rail Master Pro will remain on for 5 minutes before automatically shutting off, as indicated by a quick pulse of the laser and light at the end of five minutes.

MAINTENANCE

Your Rail Master® Pro™ requires minimal attention and is designed to resist most common firearm chemicals and lubricants, however, excessive exposure to these chemicals can be detrimental. To ensure the safe and effective operation of your light:

- > Remove Rail Master Pro before cleaning gun.
- > Do not use pressurized or compressed air.
- > Do not immerse in cleaning fluid or lubricate firearm excessively. A firearm that has too much oil will foul the lens of the light and result in an clouded beam. This can be easily cleaned and causes no permanent damage.
- > Do not allow cleaning solution to enter lens source.
- > Do not allow solvents to contact your Rail Master Pro that contain: VOCs or TCE such as: carb/brake cleaner, acetone, MEK, gasoline. Damage will result.
- > Crimson Trace lights are designed and positioned to minimize exposure. Occasional cleaning of the lens is recommended.

After extensive shooting, you may notice a degradation of light or beam quality. This is the result of fouling on the lens surface. This is normal and can be easily cleaned with a small cotton swab dipped in isopropyl alcohol or window cleaner. Dry the lens with a clean dry swab. When cleaning the lens do not touch lens with any sharp objects.